

ALZHEIMER DISEASE: A MATTER OF CHOLESTEROL-INDUCED AUTOPHAGY IMPAIRMENT?

GUEST LECTURE by

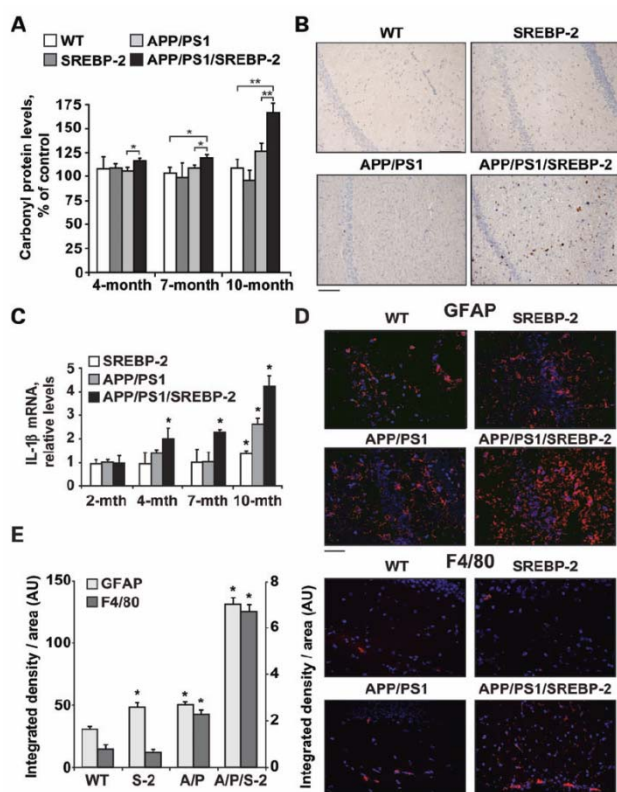


Dr. Anna Colell Riera

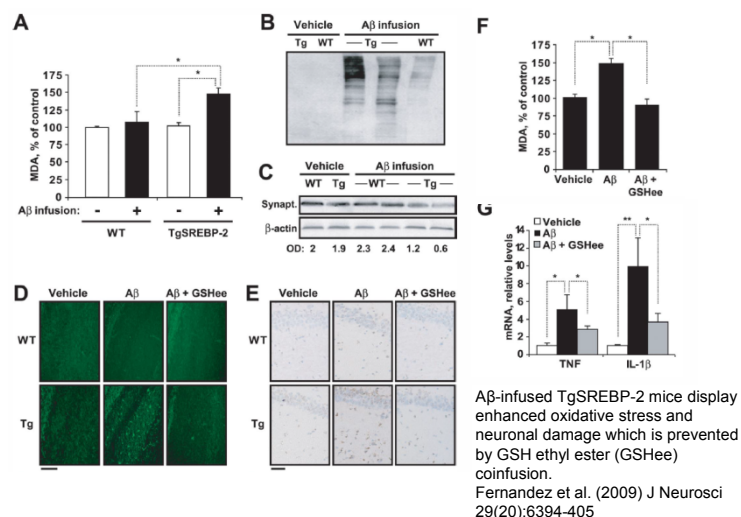
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Monday, 29.01.2018
13:00

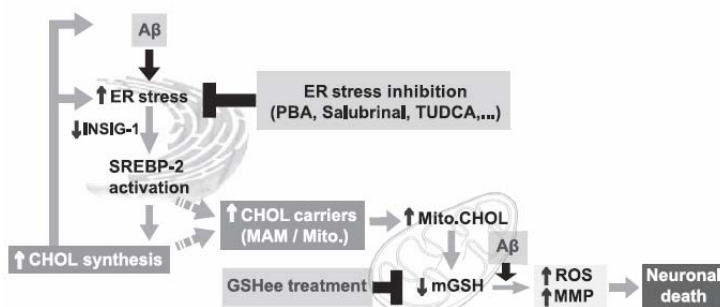
SR 26.K3 (Heinrichstrasse 31a, basement), MUG



SREBP-2 overexpression in APP/PS1 mice exacerbates oxidative stress and neuroinflammation.
Barbero-Camps et al. (2013) Hum Mol Genet 22(17):3460-76



A β -infused TgSREBP-2 mice display enhanced oxidative stress and neuronal damage which is prevented by GSH ethyl ester (GSHee) coinfusion.
Fernandez et al. (2009) J Neurosci 29(20):6394-405



Scheme illustrating the proposed model by which A β -induced ER stress would contribute to neuronal death through promoting cholesterol synthesis and translocation to mitochondria.
Barbero-Camps et al. (2014) Am J Pathol 184(7):2066-81